

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **05316638 A**

(43) Date of publication of application: **26.11.93**

(51) Int. Cl

H02H 7/085

H02H 3/08

H02P 7/63

H02P 7/74

(21) Application number: **04140988**

(22) Date of filing: **06.05.92**

(71) Applicant: **FUJI ELECTRIC CO LTD**

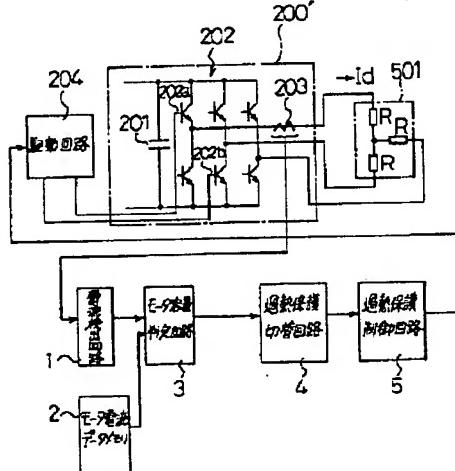
(72) Inventor: **OAKU YASUYUKI**

(54) MOTOR PROTECTIVE CIRCUIT

(57) Abstract:

PURPOSE: To automatically select and set the overheat protective level which is the optimum for a motor having an arbitrary capacity without relying on manual selecting and setting operations.

CONSTITUTION: In the circuit which protects a motor operated by means of a power converter by maintaining the current of the motor at or lower than an overheat protective level, a means 200' which applied a DC voltage across the motor before operating the motor, means 203 and 1 which detects DC current which is made to flow to the motor due to the DC voltage, means 2 and 3 which discriminate the capacity of the motor from the detected value of the DC current, and means 4 and 5 which select and set the overheat protective level of the motor in accordance with the discriminated capacity of the motor.



COPYRIGHT: (C)1993,JPO&Japio